

Spectrum Group  
 Division of United Industries  
 P. O. Box 142642  
 St. Louis, MO 63114-0642

**Hazardous Material Identification System – (HMIS)**

HEALTH – 1	REACTIVITY – 0
FLAMMABILITY – 0	PERSONAL –

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

<b>I Trade Name:</b> Spectracide Bug & Weed Killer For Lawns Concentrate			
<b>Product Type:</b> liquid insecticide/herbicide concentrate			
<b>Product Item Number:</b> HG-96089 A; HG-96091 A		<b>Formula Code Number:</b> 21-1189	
<b>EPA Registration Number</b>	<b>Manufacturer</b>		<b>Emergency Telephone Numbers</b>
9688-289-8845	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		For Chemical Emergency: 1-800-633-2873 For Information: 1-800-917-5438 Prepared by: C. A. Duckworth Date Prepared: July 20, 2011
<b>II Hazards Ingredient/Identity Information</b>		<b>III Physical and Chemical Characteristics</b>	
<b>Chemical</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
2,4-D, dimethylamine salt CAS #2008-39-1	4.74	NA	10 mg/m <sup>3</sup>
Mecoprop-p, dimethylamine Salt CAS #32351-70-5	1.14	NA	NE
Dicamba, dimethylamine salt CAS #2300-66-5	0.53	NA	NE
Gamma-cyhalothrin CAS#76703-62-3	0.08	NE	NE
<b>Appearance &amp; Odor:</b> Clear, light yellow to light brown, water-thin solution with a mild phenolic odor.			
<b>Boiling Point:</b> 215° F			
<b>Melting Point:</b> NA			
<b>Vapor Pressure:</b> NA			
<b>Specific Gravity:</b> 1.02 (H <sub>2</sub> O = 1)			
<b>Vapor Density:</b> Greater than 1 (Air = 1)			
<b>% Volatile (by vol.):</b> 99%			
<b>Solubility in Water:</b> 100%			
<b>Evaporation Rate:</b> Less than 1 (Butyl Acetate = 1)			
<b>IV Fire and Explosive Hazards Data</b>		<b>V Reactivity Data</b>	
<b>Flash Point:</b> >200F		<b>Stability:</b> Stable	
<b>Flammable Limits:</b> NA		<b>Polymerization:</b> Will not occur	
<b>Autoignition Temperature:</b> NA		<b>Conditions to Avoid:</b> None	
<b>Fire Extinguishing Media:</b> Water fog, Carbon dioxide, Dry chemical		<b>Incompatible Materials:</b> NA	
<b>Decomposition Temperature:</b> NA		<b>Hazardous Decomposition or Byproducts:</b> NA	
<b>Special Fire-Fighting Procedures:</b> Use procedures for elimination of original source of fire.			
<b>Unusual Fire &amp; Explosion Hazards:</b> None. Also see Section V.			
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
<b>Ingestion (Swallowing):</b> Harmful if swallowed. <b>First Aid:</b> Call a doctor or Poison Control Center immediately. Drink a glass of water if able to swallow. Do not induce vomiting unless told to do so by a doctor or Poison Control Center. Do not give anything by mouth to an unconscious person. <b>Eye Contact:</b> Causes moderate eye irritation. <b>First Aid:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing eye. <b>Inhalation:</b> First Aid: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth to mouth. Call a Poison Control Center or doctor for treatment advice.		<b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid contact with liquid. Soak up with absorbent material.	
Have the product container or label with you when calling a Poison Control Center or doctor.		<b>Waste Disposal:</b> If empty: Non refillable container. Do not reuse or refill this container. Place in trash or offer for recycling. If partly filled: Call local waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.	
<b>Health conditions Aggravated by Exposure:</b> None known		<b>Handling &amp; Storage Precautions:</b> Store away from children or pets in cool dry area. Do not allow product to freeze.	
<b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None			
<b>VIII Control Measures</b>		<b>IX Transportation Data</b>	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.		<b>DOT: Not Regulated by DOT</b> <b>IATA: Not Regulated by IATA</b> <b>IMDG: Not Regulated by IMDG</b>	

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.